

Claim Amendments:

1. (currently amended) A pipe connecting structure wherein beads are provided to protrude from the outer surface of the end of a plastic coated metal tube obtained by coating the outside of a bare metal pipe with a nonconductive plastic film, the plastic film is removed only at a ~~from the tip~~ of ~~the~~ respective beads to expose the circumferential surface of the bare metal pipe, the exposed portion is made to contact the inner surface of a conductive plastic tube, by disposing a seal member at a position nearer to the conductive plastic tube than the exposed region, thus connecting the plastic coated metal tube and the conductive tube.

2. (canceled)

3. (original) The pipe connecting structure according to claim 1, wherein the bead is formed along the whole circumference of the plastic coated metal tube.

4. (new) A pipe connecting structure wherein beads are provided to protrude from the outer surface of the end of a plastic coated metal tube obtained by coating the outside of a bare metal pipe with a nonconductive plastic film, the plastic film is removed only from the tip of the beads to expose the circumferential surface of the bare metal pipe, the exposed portion is made to contact the inner surface of a conductive tube, by fusing to each other the conductive plastic tube and the plastic coated metal tube

at a position nearer to the conductive plastic tube than the exposed region,
thus connecting the plastic coated metal tube and the conductive tube.